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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/036,064	10/19/2001	Richard H. Norris	Norris 11	3888

7590

07/10/2003

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EXAMINER

NASRI, JAVAID H

ART UNIT

PAPER NUMBER

2839

DATE MAILED: 07/10/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/036,064

Applicant(s)

NORRIS, RICHARD H.

Examiner

Javaid Nasri

Art Unit

2839

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-22 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 19 October 2001 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 2.
- 4) ☐ Interview Summary (PTO-413) Paper No(s) ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Specification

1. The disclosure is objected to because of the following informalities:

- a) On page 2, line 17, change "20" to -- 12 --.

Appropriate correction is required.

Drawings

2. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the

- a) a ring per claims 6 and 19,
- b) an eye per claim 22,

must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

Claim Objections

3. Claim 16 is objected to because of the following informalities:

- a) In claim 16, line 2, correct the spelling of "cap".

Appropriate correction is required.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 1, 4, 5, 8-14, 17, 18, 20 and 21 are rejected under 35 U.S.C. 102(b) as being anticipated by the admitted prior art figures 1 and 2.

The admitted prior art figures 1 and 2 discloses a transmission medium (14), an outer jacket (20), disposed about the transmission medium and an end cap (12, 30) swaged on the end of the transmission cable, a conical shape, immovable, seals, a water-blocking material (gel is very commonly used as a water blocking material), a core tube (16), strength members (18), components of the cable, optical fiber.

6. Claims 1, 4, 6-9, 13, 17, 19 and 20 and 22 are rejected under 35 U.S.C. 102(b) as being anticipated by Siebe inc/Salisbury (W H) and Co (cited in IDS).

Siebe inc/Salisbury (W H) and Co discloses a transmission medium, an outer jacket, disposed about the transmission medium and an end cap swaged on the end of the transmission cable, a ring (see marked figure attached), immovable, seals, shape.

7. Claims 1, 4, 5, 8, 9, 13, 17, 18, 20 and 21, are rejected under 35 U.S.C. 102(b) as being anticipated by the Hysol Division cable end caps (cited in IDS).

Hysol Division cable end caps discloses a transmission medium, an outer jacket, disposed about the transmission medium and an end cap swaged on the end of the transmission cable, a conical shape, immovable, seals.

Claim Rejections - 35 USC § 103

8. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

9. Claims 2, 3, 15 and 16 are rejected under 35 U.S.C. 103(a) as being unpatentable over the admitted prior art figures 1 and 2.

The admitted prior art figures 1 and 2 discloses all the limitations of claims 1 and 13 as shown above,

However, admitted prior art figures 1 and 2 does not disclose:

- a) the cap comprises a metal or aluminum. Official notice is taken bodies of a metal or aluminum is well known in the art. Therefore, it would have been obvious to one of ordinary skill in the art, at the time of the invention for the admitted prior art figures 1 and 2 to have end caps comprises a metal or aluminum in order to make the end caps stronger.

Contact

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Javaid Nasri whose telephone number is 703 308 5876. The examiner can normally be reached on Monday to Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynn Feild can be reached on 703 308 2710. The fax phone numbers for the organization where this application or proceeding is assigned are 703 308 7722 for regular communications and 703 308 7724 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703 308 0956.

Any correspondence to this action may be mailed to:

**Commissioner for Patents
Post Office Box 1450
Alexandria, VA 22313-1450**

For additional information regarding this new address, which was effective May 1, 2003, see *Correspondence with the United States Patent and Trademark Office*, 68 Fed. Reg. 14332 (March 25, 2003).

Or faxed to: 703-308-7722 or 308-7724 (informal or draft communications should be clearly labeled "PROPOSED" or "DRAFT")

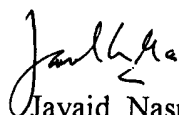
Hand-delivered responses should be brought to:

**Crystal Plaza 4, Fourth Floor (receptionist)
2201 South Clark Place, Arlington, Virginia**

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Javaid Nasri

Primary Examiner

Art Unit 2839



jhn

July 7, 2003

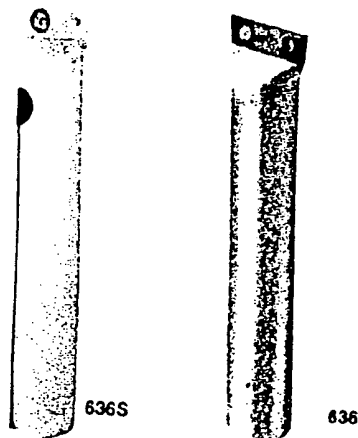


CABLE END CAPS

These special cover-up devices are designed for hot stick or rubber glove application on high voltage distribution cable ends found in vaults, cubicles, substations and the like when cable remains energized during field work. Made from corona resistant orange SALCOR® these devices have a minimum wall thickness of .25".

The Slotted Cable End Cap #636S permits the cover to be installed directly over and down an energized silver-sand fuse, bushing or elbow and cable. A 3" hole at the top of the slot is used to accommodate the insulator, elbow or terminated cable.

Contact your local SALISBURY Line Equipment distributor or representative for information on special lengths or slots when required.



CATALOG NUMBER	ASTM		DESCRIPTION		APPROX. WEIGHT EACH lbs. (kgs)
	Class	Type	I.D. (mm)	Length (mm)	
C-8	4	II	2.5" (63.5)	9" (229)	3 (1.4)
536	4	II	4.75" (119)	37" (925)	7 (3.3)
636	4	II	5.88" (147)	37" (925)	9 (4.1)
636S	4	II	5.88" (147)	37" (925)	9 (4.1)

Cable End Caps Comply With All Current
ASTM D1049 Specifications.

LIGHTNING ARRESTER COVERS

This device is designed for cover-up of energized lightning arresters. Made of orange SALCOR® corona resistant material the walls have a minimum wall thickness of .25". Designed for rubber glove or hot stick application.

The slotted design permits the cap to fit directly over the lightning arrester and line connection.

CATALOG NUMBER	ASTM		DESCRIPTION		APPROX. WEIGHT EACH lbs. (kgs)
	Class	Type	I.D. (mm)	Length (mm)	
536A	4	II	4.5" (113)	15" (375)	3 (1.4)
636A	4	II	5.5" (138)	22" (550)	5 (2.3)



CATALOG #636 INSTALLED OVER ENERGIZED CONDUCTOR IN A 35kV 3 PHASE PAD MOUNT TRANSFORMER. INSULATING BLANKETS ARE HELD IN PLACE WITH MB-6 MAGNETS.

